

2003 GEORGIA BASIN/PUGET SOUND

RESEARCH CONFERENCE

APPLYING

SCIENCE AND

INFORMATION TO

SUSTAINABILITY

IN A SHARED

TRANSBOUNDARY

ECOSYSTEM

REGISTRATION

MARCH 31 - APRIL 3, 2003

WESTIN BAYSHORE
VANCOUVER,
BRITISH COLUMBIA

CONFERENCE HOSTED BY:



PUGET SOUND ACTION TEAM

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WWW.WA.GOV/PUGET_SOUND

n behalf of the Puget Sound Water Quality Action Team, the Georgia Basin Ecosystem Initiative partners and our generous co-sponsors, we invite your participation at the 2003 Georgia Basin/Puget Sound Research Conference from March 31 to April 3, 2003 in Vancouver, British Columbia. This international research conference will build upon the successes of the five previous Puget Sound conferences and the significant work currently underway in the shared Georgia Basin/Puget Sound ecosystems.

In addition to being the premier marine science gathering in this region, the 2003 conference will provide a venue for scientists and decision-makers from a wide range of disciplines to share results and information on important issues such as climate change, marine resources, indicator development and collaborative management approaches. With the assistance of the Conference Advisory Committee, we have developed a program that will enable the community of people concerned about the future of the

Pete Dowty
Puget Sound Action Team
Conference Co-Chair

Georgia Basin/Puget Sound to apply science in support of decision making, capacity building, and effective dialogue across disciplines and community interests.

The conference will emphasize linking research results to the challenge of regional sustainable development.

We are expecting up to 800 attendees representing the scientific and research communities, Coast Salish First Nations and tribes, academia and students, non-profit organizations, businesses and industries.

The program will offer approximately 60 technical sessions, panel discussions and workshops, poster presentations, and excellent keynote speakers. Please complete and send in the registration form included in this brochure to reserve your spot at the 2003 Georgia Basin/Puget Sound Research Conference.

We look forward to seeing you at the conference.

David Fraser
Environment Canada
Conference Co-Chair

CONFERENCE PURPOSE & HIGHLIGHTS

The 2003 Georgia Basin/Puget Sound Research Conference provides a forum for presenting and discussing the environmental and natural resource science information that will guide our region's efforts to restore and protect the biological health and diversity of the Georgia Basin and Puget Sound.

Through this conference, the Puget Sound Action Team, the Georgia Basin Ecosystem Initiative partners and the conference co-sponsors offer a unique opportunity to communicate research results related to the Georgia Basin/Puget Sound environment and managing transboundary resources. Highlights include:

- Opening plenary session to characterize the challenges facing scientists and resource managers in the Georgia Basin/Puget Sound ecosystems and beyond.
- Presentation by Elizabeth
 Dowdeswell, former Executive Director of the United Nations Environment
 Programme, on mobilizing scientific and technical knowledge to solve global development challenges.
- Presentation by Billy Frank, Jr., Chairman of the Northwest Indian Fisheries Commission, on challenges facing joint management of Georgia Basin/Puget Sound resources.
- Presentation by Stephen Hume, author, lecturer and Vancouver Sun columnist, on personal reflections and anecdotes on living in this shared ecosystem.

- Meeting of the British Columbia/ Washington State Environmental Cooperation Council (ECC).
- Joint session with the Pacific Estuarine Research Society (PERS) as part of its annual meeting.
- More than 50 sessions with oral presentations on recent scientific contributions to understand, restore, protect and manage the Georgia Basin/Puget Sound ecosystems.
- Poster presentations of recent scientific findings with multiple opportunities to speak with the authors.
- Presentations by students throughout the conference program.
- Informal discussions at the opening reception, poster-viewing sessions and beverage breaks to create and foster productive professional relationships.

Who Is Invited?

- Scientists who study ecological systems, environmental issues and natural resource management.
- Natural resource managers, including staff and officials from local, state/provincial, and federal governments as well as Coast Salish tribes and First Nations, who develop and implement projects, programs and policies to protect and restore aquatic and marine ecosystems.
- Citizens, educators, students and members of the environmental and business communities who are working toward recovery and sustainability of Georgia Basin/Puget Sound ecosystems.
- Members of the Pacific Estuarine Research Society, who will be opening their annual meeting at a joint session as part of this conference.
- · Other interested individuals.

FOR MORE INFORMATION

Conference Program

Pete Dowty, Puget Sound Action Team

Phone: (360) 407-7561 Fax: (360) 407-7333 E-mail: pdowty@psat.wa.gov

David Fraser, Environment Canada

Phone: (604) 713-9529 Fax: (604) 713-9527 Email: david.fraser@ec.gc.ca

Conference Logistics and Registration

Event Dynamics, Inc.

Joanie Pop, Conference Coordinator E-mail: joanie@eventdynamicsonline.com

Kelly Carson, Registration Coordinator E-mail: kelly@eventdynamicsonline.com

Phone: (360) 357-8044 Fax: (360) 786-8125

Special Needs

If you have special accommodation needs or need this document in an alternative format, please contact the Puget Sound Action Team's ADA representative at (360) 407-7300 or TDD number (800) 833-6388.

Conference updates are available at the web site of the Puget Sound Action Team (www.wa.gov/puget_sound).







2003 GEORGIA BASIN/PUGET SOUND RESEARCH CONFERENCE

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Pacific Northwest National Laboratory

Operated by Battelle for the U.S. Department of Energy



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To register online with your Visa or MasterCard go to

www.wa.gov/puget sound, select link to 2003 Georgia Basin/Puget Sound Research Conference

CONFERENCE ADVISORY COMMITTEE

Sherry Boudreau

Environment Canada

Kelly Francis

Department of Fisheries and Oceans Canada

Joe Gaydos

Marine Ecosystem Health Program, University of California, Davis

Gordon Hanson

Coast Salish Sea Initiative

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Mary Mahaffy

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Tom Mumford

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Chris Parsons

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British Columbia Ministry of Water and Land and Air Protection

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Georgia Strait Alliance

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Agency

Heidi Siegelbaum

Washington State Department of

Bradley Smith

Western Washington University-

Huxley College

John Stein

Northwest Fisheries Science

Center, NOAA Fisheries

James Tansey

University of British Columbia

Elaine Taylor

British Columbia Ministry of Community Aboriginal and

Women's Services

Geoffrey Thornburn Environment Canada

Jacques White

People for Puget Sound

STUDENT SCHOLARSHIPS

limited number of scholarships to the Georgia Basin/Puget Sound Research Conference are available to cover registration fees for students enrolled in U.S. universities and colleges.

The conference organizers are also currently working to secure funds to offer scholarships to Canadian students.

Students enrolled in environmental, marine science or marine policy courses will be given preference.

Students can download scholarship application guidelines on the Puget Sound Action Team web site, www.wa.gov/puget_sound, or by calling (360) 407-7336. Applications are due by February 14, 2003. Applicants will be notified of scholarship awards by February 28, 2003.

CONFERENCE PROCEEDINGS

onference organizers will publish full proceedings following the 2003 Georgia Basin/ Puget Sound Research Conference. Proceedings will be available from the Puget Sound Action Team's web site, www.wa.gov/puget_sound.

All conference attendees will receive a copy of the CD-ROM version of the proceedings. Additional copies of the proceedings on CD-ROM will be available for a charge of US\$15.00.

		MONDA	Y - MARCH 31	, 2003				
7:00am	Conference Check-in & Coffee Service							
10:00am-12:00pm	Opening General Session: First Nation Welcome & Opening Ceremony							
	Welcome: David F	Welcome: David Fraser, Conference Co-Chair; Environment Canada & Peter Dowty, Conference Co-Chair; Puget Sound Action Te						
	Dual Keynote Address: Elizabeth Dowdeswell, Former Executive Director, United Nations Environment Prog					onment Programme		
Billy Frank, Jr., Chairman, Northwest Indian Fisheries Commission								
12:00-1:15pm	Opening Lunch							
1:30-3:00pm	Breakout 1A People & Processes— Collaborative Management	Breakout 1B Climate Change	Breakout 1C Treatment, Disposal & Impacts Associated with Contaminated Waters	Breakout 1D Environmental Education	Breakout 1E Contaminant Burdens in Fish	Breakout 1F Nearshore Habitat Mapping		
3:00-3:15pm	Beverage Break							
3:15-4:45pm	Breakout 2A Cultural Resource Mapping	Breakout 2B Climate Change	Breakout 2C Planning in Urban Habitats	Breakout 2D Regional Conservation Planning	Breakout 2E Marine Birds: Contaminants, Habitats & Conservation	Breakout 2F Information & Decision Support Tools for the Marine Environment		
5:00-6:30pm	Opening Reception & Poster Viewing							

		TUESDA	Y - APRIL 1, 2	2003		
7:30-8:30am	Conference Check-in, Continental Breakfast & Poster Viewing					
8:30-10:00am	General Session	General Session (Presentation to be announced)				
10:00-10:30am	Beverage Break					
10:30am-12:00pm	Breakout 3A Regional Ecosystem- Sustainability Indicators	Breakout 3B Climate Change	Breakout 3C Stakeholder Involvement in Stewardship & Planning Panel	Breakout 3D Development Patterns & Ecosystem Function–What Do We Know?	Breakout 3E Contaminant Effects on Fish	Breakout 3F Nearshore Habitat Inventories
12:10-1:20pm	Lunch Presentation	n: Stephen Hume,	Author, Lecturer & V	ancouver Sun Colum	nnist	
1:30-3:00pm	Panel 4A Connecting Science, Policy & Decisions in Indicator Development & Reporting	,	Breakout 4C Demersal & Pelagic Fish–Status & Distribution	Breakout 4D Ecosystem- based Policy & Planning	Breakout 4E PCBs in Georgia Basin/Puget Sound Ecosystems	Breakout 4F Harmful Algal Blooms
3:00-3:30pm	Beverage Break					
3:30-5:00pm	Workshop 5A Developing Common Indicators for a Transboundary Indicator Report	Breakout 5B Transboundary Air Quality	Breakout 5C Salmon Habitat & Population Studies	Breakout 5D Information & Decision Support Tools for Landscape Analysis	Workshop 5E Developing a Research Proposal Addressing PCBs in Georgia Basin/ Puget Sound	Workshop 5F Harmful Algal Blooms
5:00-6:00pm	Poster Viewing				,	

ELIZABETH DOWDESWELL

Presentation Title: "Science, Technology and Globalization: New Directions for Science in a Changing World?"

Ms. Dowdeswell served as Executive Director of the United Nations Environment Programme and Under Secretary General of the United Nations

until 1998. Previously, she was Assistant Deputy Minister of Environment Canada responsible for the national weather and atmospheric agency. Recently Ms. Dowdeswell was appointed President and CEO of Canada's Nuclear Waste Management organization. During the past year, she has contributed to an initiative of the Center for Science and International Affairs at Harvard University, which focuses on how to mobilize the world's scientific and technical knowledge to solve global development challenges.



BILLY FRANK, JR.

Billy Frank, Jr., is a Nisqually trib peaceful settlement to longstand throughout the Northwest. Fran Schweitzer Award for Humanita

numerous additional awards. His peacemaking resulting in solutions to numerous natural resolutions

Frank has served as chairman of the Northwe quarter century, an agency that serves the tre ural resource co-management with the state a

WEDNESDAY - APRIL 2, 2003						
7:30-8:30am	Conference Check-in, Continental Breakfast & Poster Viewing					
8:30-9:30am	General Session	(Presentation to be	announced)			
9:30-10:30am	Beverage Break	& Poster Viewing				
10:30am-12:00pm	Breakout 6A Habitat Restoration Projects	Panel 6B Science– Decision-making Interface	Breakout 6C Physical & Biological Oceanography (Part 1)	Panel 6D Information & Decision Support Tools for Landscape Planning	Breakout 6E Marine Sediment Contaminants	Breakout 6F British Columbia/ Washington ECC* Meeting
12:00-1:15pm	Lunch					
1:30-3:00pm	Breakout 7A Stewardship- Community Approaches	Breakout 7B Transboundary Air Quality	Breakout 7C Physical & Biological Oceanography (Part 2)	Panel 7D Modeling Alternative Futures for the Chico Watershed	Breakout 7E Orcas in Georgia Basin/Puget Sound	Breakout 7F British Columbia/ Washington ECC* Meeting (continued)
3:00pm	Free time for the duration of the day				•	

THURSDAY - APRIL 3, 2003						
7:30-8:30am	Conference Check-in, Continental Breakfast & Poster Viewing					
8:30am-10:00am	Breakout 8A Marine Conservation	Breakout 8B Low-Impact Development Approaches & Watershed Hydrology	Breakout 8C Invasive Species	Breakout 8D Stewardship- Community Approaches	Breakout 8E Exposure & Effects of Toxic Chemicals on Wildlife/Biota in Georgia Basin/ Puget Sound	Breakout 8F Nearshore Restoration & Conservation
10:00-10:30am	Beverage Break		-	-	•	
10:30-12:00pm	Breakout 9A Designing Marine Protected Areas	Breakout 9B People & Processes— Collaborative Management	Panel 9C Fish Habitat Stewardship in British Columbia	Panel 9D Assisted by Science, Empowered by Public Process: How Citizen Leadership Can Protect & Restore the Marine Environment	Breakout 9E Ecosystem Assessment & Management	Breakout 9F Nearshore & Subtidal Biota
12:15-1:45pm	Lunch	•	•	•	'	
2:00-3:30pm	Breakout 10A Evaluation & Assessment of Marine Protected Areas	Breakout 10B People & Processes— Collaborative Management	Workshop 10C Framework Development for Canadian Biodiversity Index	Breakout 10D Pacific Estuarine Research Society (PERS**) Presentations	Workshop 10E Understanding Trends in Marine Bird Abundance	Breakout 10F Human Impact on the Nearshore Environment
3:30-4:30pm	O-4:30pm Closing General Session: "Challenges & Future Directions" Erik Karlsen, Planning Consultant & Former Member of the Georgia Basin Ecosystem Initiative Management Committee Joe Gaydos, Marine Ecosystem Health Program, University of California, Davis Student Awards Closing					

^{*}The Governor of Washington State and Premier of British Columbia established the Environmental Cooperation Council (ECC) in 1992. EECs purpose is to ensure coordinated action and information sharing on environmental matters of mutual concern. The ECC will be holding a meeting as part of this conference in Sessions 6F and 7F.

pal leader who was instrumental in securing a ding fishing conflicts in Washington State and lik was awarded the prestigious 1992 Albert rianism for his peacemaking efforts and has won g program has been modeled in several states, turce conflicts throughout the United States.

est Indian Fisheries Commission for the past eaty Indian tribes in western Washington in natand federal governments.



STEPHEN HUME

Presentation Title: "The Stewardship of Eden"

Stephen Hume, a visiting lecturer in journalism at the University of Victoria, is senior writer and columnist at *The Vancouver Sun*. His journalistic career

spans 30 years in which he's covered everything from prize fights to prime ministers. In 1989, he joined *The Sun* as columnist-at-large, where his in-depth coverage of social issues serves to educate a broad public. Stephen is the award-winning author of six books of poetry, essays and natural history. Hume has more than a dozen awards for his journalism, poetry and essays. He won a Canadian Policy Research Award in 2001 and a Jack Webster Award for Journalism in 2002.

^{**}The Pacific Estuarine Research Society (PERS) will open its annual meeting in Session 10D on April 3. For more information visit their web site at http://www.ac.www.edu/%7Egilberj/pers.html.

CONFERENCE SITE INFORMATION

DRIVING DIRECTIONS

A map and printable driving directions can also be found at www.westin.com/bayshore.

From the U.S. Border (Peace Arch):

Follow the I-5 to the Peace Arch Border Crossing. Once you have passed through the border crossing into Canada, I-5 becomes Highway 99. Follow Highway 99 and when you cross the bridge the Highway becomes Oak Street. Follow Oak Street until you reach West 41st Avenue. Turn left and follow W 41st until you reach Granville Street. Proceed along Granville Street and over the Granville Street Bridge. Stay in the right lane of the Bridge and take the Seymour Street Exit. Follow Seymour

Street until you reach Georgia Street. Turn left onto Georgia Street and follow until Cardero Street. Turn right and you will then see the Westin Bayshore at the foot of the hill on your left.

From the Vancouver International Airport:

Exit the Vancouver International Airport via Grant McConachie Way. This will lead you onto the Arthur Laing Bridge. Take the City Centre/Granville Street North Exit (on your right). Follow Granville Street northbound. This will eventually become the Granville Street Bridge. Stay in the right lane and take the Seymour Street Exit. Follow Seymour Street until you reach Georgia Street. Turn left onto Georgia Street. Follow Georgia Street until Cardero Street and turn right. You will then see the Westin Bayshore at the foot of the hill on your left.

Lion's Gate To North & Bridge West Vancouver Stanley Coal Harbour THE WESTIN BAYSHORE Vancouver English Bay Convention & Exhibition Centre Vancouver International Airport GM Place 20 mins BC Place Vancouver

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W 41st Ave

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From the East:

Follow Highway 1 to the Grandview Highway Exit. Grandview Highway turns into 12th Avenue. Follow 12th Avenue to Granville Street and turn right. This will eventually become the Granville Street Bridge. Stay in the right lane and take the Seymour Street Exit. Follow Seymour Street until you reach Georgia Street. Turn left onto Georgia Street. Follow Georgia Street until Cardero Street and turn right. You will then see the Westin Bayshore at the foot of the hill on your left.

HOTEL INFORMATION

You are responsible for making your own hotel reservations. Rooms have been blocked at the **Westin Bayshore**, located at 1601 Bayshore Drive, Vancouver, B.C.

Please call the hotel directly at (604) 682-3377 and identify yourself as a participant of the **Research Conference** for the special room rates. *Do not make reservations online or through Westin's 800 number.*

You will need a credit card to guarantee your hotel reservation.

The hotel will do its best to accommodate your smoking preference.

HOTEL RESERVATION DEADLINE: March 5, 2003

The Westin Bayshore 1801 Bayshore Drive Vancouver, B.C. V6G 2V4 Phone: (604) 682-3377 Fax: (604) 691-6959

RATES:

Can\$: Main Building: \$174 + tax (single or double occupancy)
Tower Building: \$204 + tax (single or double occupancy)
Additional Person: \$25 + tax

US\$: Main Building: \$109 + tax (single or double occupancy)
Tower Building: \$127 + tax (single or double occupancy)
Additional Person: \$18 + tax
The U.S. dollar rate will be based on the current exchange rate and is subject to market changes.

These rates will be offered 3 days prior and 3 days after the conference dates based on availability.

HOTEL PARKING

Overnight Guests: Can\$18 Valet Parking: Can\$24 Day parking is available at variable rates.

AIRPORT SHUTTLE

"The Airporter" is the shuttle service provider from the Vancouver International Airport to the Westin Bayshore. A one-way trip is Can\$10.00 per person.

To register online with your Visa or MasterCard go to

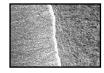
GEORGIA BASIN/PUGET SOUND RESEARCH CONFERENCE 2003

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Please note your information suppl	ied above will be included in the con	ference roster provided to all participar	nts.			
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o help us plan, please indicat	e below the sessions you will a	ttend.				
Monday, March 31, 2003	Tuesday, April 1, 2003	Wednesday, April 2, 2003	Thursday, April 3, 2003			
Lunch Yes No	10:30-12:00 Session	10:30-12:00 Session	8:30-10:00 Session			
1:30-3:00 Session	□3A □3B □3C □3D	□6A □6B □6C □6D	□8A □8B □8C □8			
□1A □1B □1C □1D	□ 3E □ 3F	□6E □6F	□8E □8F			
□1E □1F	Lunch ☐Yes ☐No	Lunch ☐Yes ☐No	10:30-12:00 Session			
3:15-4:45 Session	1:30-3:00 Session	1:30-3:00 Session	□9А □9В □9С □9			
□2A □2B □2C □2D	□4A □4B □4C □4D	□7A □7B □7C □7D	□9E □9F			
□2E □2F	□ 4E □ 4F	□7E □7F	Lunch Yes No			
Opening Reception	3:30-5:00 Session		2:00-3:30 Session			
Yes No	□5A □5B □5C □5D		□10A □10B □10C			
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See reverse side for complete registration submittal instructions. Call (360) 357-8044 for registration questions.







2003 GEORGIA BASIN/PUGET SOUND

RESEARCH CONFERENCE

REGISTRATION FORM

Complete one form per person. Photocopy for additional attendees. Please print clearly. No phone registrations accepted without faxed registration form to verify. Sorry, no shared registrations accepted. Confirmation letters will be sent via email for registrations received by March 10, 2003. Space is limited, so register early!

WHAT YOUR FEE INCLUDES

The full conference registration package includes three continental breakfasts, four lunches, reception, beverage breaks and conference materials. The one-day rate includes the meal functions and beverage breaks offered that day as well as conference materials.

SEND FORM & PAYMENT TO

Event Dynamics, Inc. 3042 Cain Road SE Olympia, WA 98501-3806 USA

Fax: (360) 786-8125

MAKE CHECK OR MONEY ORDER PAYABLE TO

Research Conference (Puget Sound Action Team Tax ID#: 91-6001090) Please include the entire registration form with payment. Do not staple.

REGISTRATION QUESTIONS?

Kelly Carson Event Dynamics, Inc. Phone: (360) 357-8044 Fax: (360) 786-8125

kelly@eventdynamicsonline.com

REFUND/CANCELLATION POLICY

All cancellations must be received in writing by March 10, 2003. No refunds will be made after that date. This policy applies to all registrations, including those forms accompanied by a purchase order.

LATE CANCELS/NO SHOWS

You will be invoiced for the late registration amount. This policy applies to all registrations, including those forms accompanied by a purchase order.

LATE PAYMENTS

Any registrant whose fees are unpaid after the conference will be invoiced at the late registration amount. This policy applies to all registrations, including those forms accompanied by a purchase order, no shows or late cancellations.

Puget Sound Action Team PO Box 40900 Olympia, WA 98504-0900

USA

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